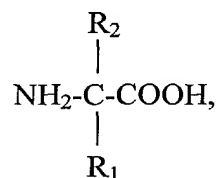


or absence in the exogenously administered polypeptide, relative to the endogenous polypeptide, of a fluorescent amino acid residue or a synthetic amino acid derivative in the amino acid backbone of the polypeptide, the synthetic amino acid derivative having the formula



wherein R₁ comprises the fluorophore and R₂ is H, OH, halide or substituted or unsubstituted lower alkyl; and wherein the exogenously administered polypeptide comprises human, bovine or porcine growth hormone.

11. (Three times amended) A method according to claim 1, wherein the exogenously administered polypeptide comprises human growth hormone.

See the attached Appendix for the changes made to effect the above claim(s).